IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



	Welcome United States Patent and Trademark Office
Help FAQ Terms IE	EE Peer Review Quick Links Se
Welcome to IEEE Xplore*  - Home - What Can I Access? - Log-out  Tables of Contents	Your search matched 111 of 981130 documents.  A maximum of 111 results are displayed, 15 to a page, sorted by Relevance in descending order. You may refine your search by editing the current search expression or entering a new one the text box. Then click Search Again.  (reed-solomon) <and>polynomial Search Again</and>
O- Journals & Magazines	Results: Journal or Magazine = JNL Conference = CNF Standard = STD
Conference Proceedings Conference	A fully programmable Reed Solomon 8-bit codec based on a re-shape Berlekamp Massey algorithm
Search  O- By Author O- Basic O- Advanced	Marconetti, E.; Guenard, R.; Savage, D.; Crowe, P.; Epelde, I.; Bradley, L.; Cal Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on , V 5 , 26-29 May 2002  Page(s): V-553 -V-556 vol.5
Member Services  Join IEEE  Establish IEEE Web Account	[Abstract] [PDF Full-Text (394 KB)] IEEE CNF  2 Adaptive Reed-Solomon decoding using Gao's algorithm
O- Access the IEEE Member Digital Library	Komo, J.J.; Joiner, L.L.;  MILCOM 2002. Proceedings, Volume: 2, 7-10 Oct. 2002  Page(s): 1340 -1343 vol.2
Print Format	
	[Abstract] [PDF Full-Text (313 KB)] IEEE CNF
	3 A modified algorithm for correction of errors and erasures in Reed S decoders  Guidotti, G.; Santoli, T.;  Singapore ICCS/ISITA '92. 'Communications on the Move', 16-20 Nov. 1992

# [Abstract] [PDF Full-Text (104 KB)] IEEE CNF

4 Generalised triangular basis multipliers for the design f Reed-Sol m c decs

Furness, R.; Benaissa, M.; Fenn, S.T.J.;

Page(s): 882 -884 vol.2

Signal Processing Systems, 1997. SIPS 97 - Design and Implementation., 1997 Workshop on , 3-5 Nov. 1997

Page(s): 202 -211

#### [PDF Full-Text (416 KB)] IEEE CNF [Abstract]

# 5 Linear Diophantine equations over polynomials and soft decoding of R Solomon codes

Alekhnovich, M.;

Foundations of Computer Science, 2002. Proceedings. The 43rd Annual IEEE

Symposium on , 16-19 Nov. 2002

Page(s): 439 -448

## [Abstract] [PDF Full-Text (1657 KB)] **IEEE CNF**

6 Decoding Reed-Solomon codes generated by any generator polyn mi

Shayan, Y.R.; Le-Ngoc, T.;

Electronics Letters, Volume: 25 Issue: 18, 31 Aug. 1989

Page(s): 1223 -1224

### [Abstract] [PDF Full-Text (168 KB)] **IEE JNL**

# 7 On decoding of both errors and erasures of a Reed-Solomon code usi inverse-free Berlekamp-Massey algorithm

Jyh-Horng Jeng; Trieu-Kien Truong;

Communications, IEEE Transactions on , Volume: 47 Issue: 10 , Oct. 1999

Page(s): 1488 -1494

### [Abstract] [PDF Full-Text (348 KB)] **IEEE JNL**

# 8 Efficient root-finding algorithm with application to list decoding of algebraic-geometric codes

Xin-Wen Wu; Siegel, P.H.;

Information Theory, IEEE Transactions on , Volume: 47 Issue: 6 , Sept. 2001

Page(s): 2579 -2587

#### [Abstract] [PDF Full-Text (368 KB)] IEEE JNL

### 9 High-speed architectures for Reed-Sol m n dec ders

Sarwate, D.V.; Shanbhag, N.R.;

Very Large Scale Integration (VLSI) Systems, IEEE Transactions on , Volume: 9

Issue: 5, Oct. 2001 Page(s): 641 -655

#### [Abstract] [PDF Full-Text (392 KB)] IEEE JNL

### 10 Decoding algebraic-geometric codes using Grobner bases

Saints, K.; Rubio, I.; Heegard, C.;

Information Theory, 1994. Proceedings., 1994 IEEE International Symposium o

June-1 July 1994

Page(s): 156

#### [PDF Full-Text (76 KB)] IEEE CNF [Abstract]

### 11 Fast parallel algorithms for decoding Reed-Solomon codes

Dabiri, D.; Blake, I.F.;

Information Theory, 1994. Proceedings., 1994 IEEE International Symposium o

June-1 July 1994

Page(s): 97

### [Abstract] [PDF Full-Text (60 KB)] **IEEE CNF**

### 12 Maximum likelihood decoding of Reed Solomon codes

Sudan, M.;

Foundations of Computer Science, 1996. Proceedings., 37th Annual Symposium

14-16 Oct. 1996

Page(s): 164 -172

#### [Abstract] [PDF Full-Text (604 KB)] IEEE CNF

### 13 Error evaluation algorithm for oneshot Reed-Solomon decoder

Katayama, Y.; Morioka, S.;

Information Theory and Communications Workshop, 1999. Proceedings of the 1

IEEE, 20-25 June 1999

Page(s): 130

### [Abstract] [PDF Full-Text (44 KB)] **IEEE CNF**

### 14 Algebraic soft-decision decoding of Reed-Solomon codes

Kotter, R.; Vardy, A.;

Information Theory, 2000. Proceedings. IEEE International Symposium on, 25-

June 2000

Page(s): 61

### [Abstract] [PDF Full-Text (112 KB)] IEEE CNF

# 15 On calculating interpolation polyn mials for error values in Reed-So decoding algorithm

Katayama, Y.; Yamane, T.;

Information Theory, 2002. Proceedings. 2002 IEEE International Symposium on

2002

Page(s): 90

[Abstract] [PDF Full-Text (217 KB)] IEEE CNF

### 1 2 3 4 5 6 7 8 [Next]

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2003 IEEE — All rights reserved